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NOVEMBER 3.

Mr. THOMAS MEEHAN, Vice-President, in the chair.

Forty persons present.

A paper entitled "On a new genus of Vespertilionidæ," by Harrison Allen, M. D., was presented for publication.

*The Influence exerted by the Tongue on the Positions of the Teeth.*—DR. HARRISON ALLEN invited attention to the influence exerted by the tongue in determining shapes and relations of the teeth. In hypertrophy of the tongue in the human subject it has been found that the lower teeth are thrown forward and are widely separated from each other. It is reasonable to infer that in lower animals where the tongue is used for prehension that a similar inclination in the tongue to change the teeth to a horizontal, from a vertical position, takes place. In some of the more remarkable examples of the use of the tongue, as for example in the Edentata, the teeth are widely separated from each other, and in most forms are entirely absent from the front of the jaws. Dr. Allen remarked that in the Cheiroptera a similar tendency as above expressed appears to operate. In slender-jawed, long-tongued types, as exemplified in the genera *Macroglossa* and *Glossophaga*, the teeth are imperfectly developed in the front of the upper jaw and nearly concealed by mucous membrane, while laterally compressed and widely separated from each other on the sides. In the genus *Rhynchonycteris* the front upper teeth are reduced to minute filiform movable organs which would appear to have no value in the seizing or the preparing of food, but in all probability are simply performing the offices of organs of touch and as such are used at times when the tongue is protruded to determine possibly its course and direction.

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NOVEMBER 10.

Mr. GAVIN W. HART in the chair.

Thirty-six persons present.

*On Bows and Arrows and other Implements found among the Arctic Highlanders.*—DRS. BENJAMIN SHARP and WILLIAM E. HUGHES exhibited some bows and arrows which they had collected while on the West Greenland Expedition of 1891. As far as they had examined the literature these articles had not been before found in the possession of the Arctic Highlanders. The Nares Expedition obtained an imperfect arrow from one of the deserted settlements. The quiver exhibited contained the bow and arrows. It was made